

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

EPA Region 5 Records Ctr.



272618

I. HEADING

Date: December 12, 1995

Subject: American Plating Chicago, Cook County, Illinois.

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POLREP # 7

II. BACKGROUND

Site No: VF	Delivery Order No: 5001-05-379
CERCLIS No: N/A	ERNS No: N/A
Response Authority: CERCLA	NPL Status: Non-NPL
State Notification: IEPA	Start Date: 10/16/95
Demobilization Date: N/A	Completion Date: N/A
Status of Action Memorandum: Approved on September 26, 1995.	

III. SITE DESCRIPTION

A. Incident Category: CERCLAB. Site Location: 1820 West Lake Street

Chicago, Cook County, Illinois

1. Site description: The American Plating site is an inactive and abandoned electroplating facility located at 1820 West Lake Street in Chicago, Cook County, Illinois. The site is situated in a mixed residential and commercial surrounding. The Henry Horner housing projects are located to the south across Lake Street. The site comprises of 6 large rooms and occupies approximately 0.5 acres. The coordinates for the site are latitude 41°53'8" North and longitude 87°40'18" West. The building is severely deteriorated and has a weak structural integrity with collapsed roofs at several locations. Entrance doors to the site are

missing at several locations and free access to the site exists. The site area is frequented by vagrants and a lot of "drug" paraphernalia is visible throughout the building.

2. Description of threat: Ecology & Environment, Inc. (E & E), the U.S. EPA Technical Assistance Team (TAT) contractor, conducted a site assessment in August 1995 and found chromic acid (Ph 1.58 units) in 1 vat, a 0.48 Ph acid in a drum labelled "sulfuric acid", a spilled drum containing 54,000 mg/kg chromium (TCLP chromium 608 mg/L), and a pit containing TCLP lead concentration of 5.2 mg/L. The open vats with hazardous contaminants, and several drums and pits with hazardous contaminants posed a threat to human health and the environment.

There have been at least 2 fires inside the building. The most recent fire occurred over the week of October 14, 1995. There were also two stolen/stripped vehicles inside the building since the site walk through October 3, 1995.

- C. Preliminary Assessment/Site Inspection Results The American Plating site has not been previously evaluated under the Preliminary Assessment/Site Inspection investigative phases.

The site was brought to U.S. EPA's attention by the Chicago Department of Environment (CDOE), who investigated the site and found hazardous contaminants.

IV. RESPONSE INFORMATION

A. Situation

1. Current situation: Weather conditions: High temperatures ranged from mid 30s to mid 40s. Periods of rain and snow flurries at times during the week. Rain/snow continues to hamper work as crew deals with slippery surfaces and muddy ground. Working hour site security necessary due to high crime area where site is located.
2. Removal activities to date: U.S. EPA initiated a removal action on October 16, 1995 by mobilizing the Emergency Response Cleanup Services (ERCS) contractor Smith Environmental and the TAT contractor E & E. Due to past vandalism and trespass at the site and the high crime neighborhood, armed security guards were hired to provide site security. The site building is screened daily with the help of the security guards.

During the week of December 4-8, 1995, loaded approximately 300 cubic yards (20 truckloads) of stockpiled non-hazardous solids into roll-off boxes for shipment off-site to a disposal facility in Hastings, Michigan. This material consisted of Pit #1 sludge and Room #3 debris and soil. Steam cleaned Room #2 (including Pit #1) using power washer. Replaced snow fence barriers around Pits #1 and #2 and all entrances to building to restrict site access. Awaiting final analytical results of composite sample of the East Wall in Room #4. Disposed of 30-gallon lab pack drum of flammable liquid wastes and 85-gallon overpack drum of flammable solid wastes (containing resin) to off-site treatment and disposal facility in Eau Claire, Wisconsin. Shipped 2,250 gallons (45 drums) of corrosive liquids for off-site treatment and disposal at a disposal facility in Belleville, Michigan. Conducted general site cleanup.

3. Enforcement: 104(e) Notification Letters have been sent to all of the known site Potentially Responsible Parties (PRPs).

B. Planned Removal Actions

Clear and sweep all areas. Decontaminate necessary portions of the building.

C. Next Steps

Complete disposal of Room #3 debris and soil. Decontaminated all remaining floors.

D. Key Issues

Decontamination of the building: Various alternatives are being considered for proper decontamination, however few will possibly remain within budget constraints while ensuring worker safety. Most of the alternatives will limit or disallow complete decontamination.

V. COSTS

Extramural Costs:

Total Cleanup Contractor (e.g, ERCS) Costs	
	\$ 151,987.16
IAGs	\$ 0.00
Cooperative Agreements/Letter Contracts	\$ 0.00
TAT/START	\$ 9,122.00
CLP	\$ 0.00
REAC	\$ 0.00

TOTAL, EXTRAMURAL COSTS	\$ 161,109.16
<u>Intramural Costs:</u>	
Direct Costs (Region, HQ, ERT)	\$ 8,505.00
Intramural Indirect Costs	\$ 15,010.30
TOTAL, INTRAMURAL COSTS	\$ 23,515.30
<u>TOTAL SITE COST</u>	<u>\$ 184,624.46</u>
Project Ceiling	\$ 323,000.00
Project Funds Remaining (percentage)	57%

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

<u>Wastestream Medium</u>	<u>Quantity</u>	<u>Containment</u>	<u>Treatment</u>	<u>Disposal</u>
Non-haz debris Solid	80 cu.yds.	Roll-off box	Hegewisch Landfill	Landfill
Haz waste solid Solid	150 cu.yds.	Roll-off box	City Envir. Landfill	Landfill
Waste corr. liq. Liquid	4,100 gals.	Tanker	Dynecol, Inc.	Treatment
infectious waste Solid	sm. bag	cardboard box	Environ. Guardian Incineration	
Haz waste solid Solid	30 cu.yds.	Roll-off box	City Envir. Landfill	Landfill
Non-Haz solids Solid	300 cu.yds.	Roll-off box	Hastings San.Landfill	Landfill
Corrosive liq. Liquid	2,250 gals.	Poly drums	Mich. Disposal, Inc.	Treatment
Flammable liq. Liquid	30 gals.	Lab Pack	WRR Envir. Services	Treatment
Flammable solid Solid	85 gals.	Poly drum	WRR Envir. Services	Treatment